GRASSROOTS FLOOD MANAGEMENT

A Guideline

RIVER REACH of CONCERN

Beginning Benchmark

Your Streambed Elevation

Downstream Benchmark

Matching 100 yr. Floodplain WSL

TDA

Its role in

Flood

Water Surface Level

T Transient

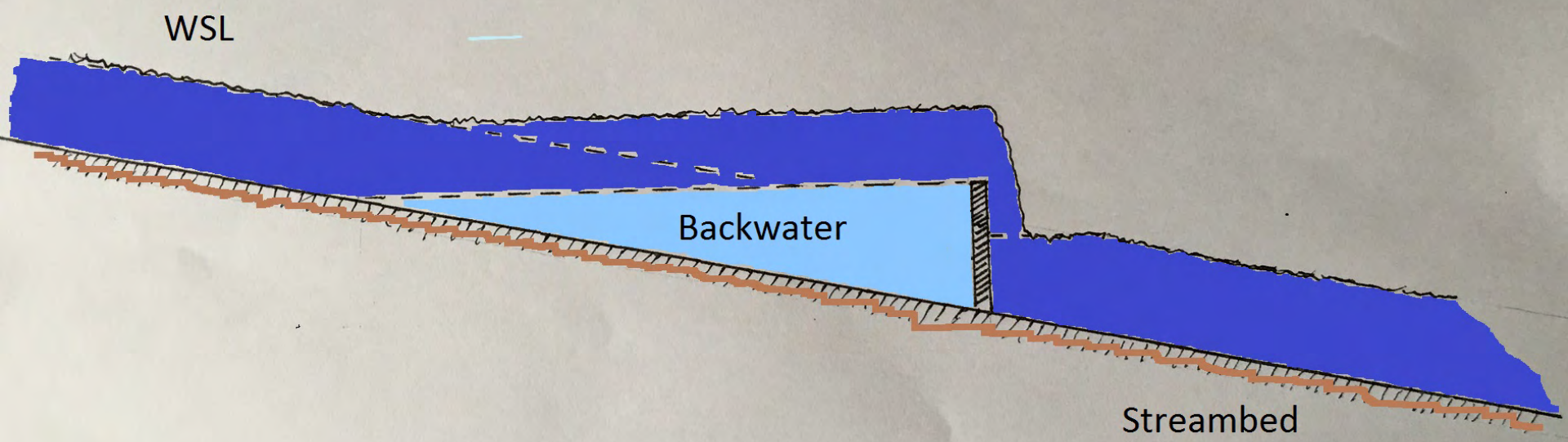
D Debris

A Accumulation

Reality Convention

Backwater

Backwater Behind a Dam



Visualizing Flow

Ripples

Visualizing Flow

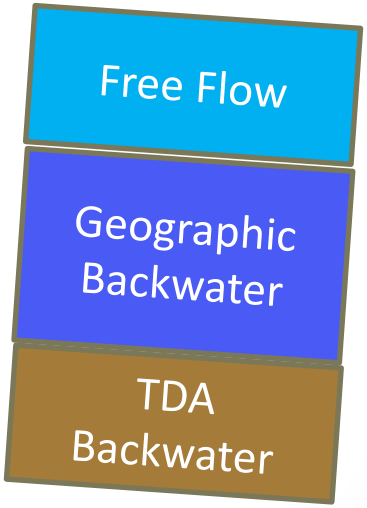
Ripples

Pool

Visualizing Flow

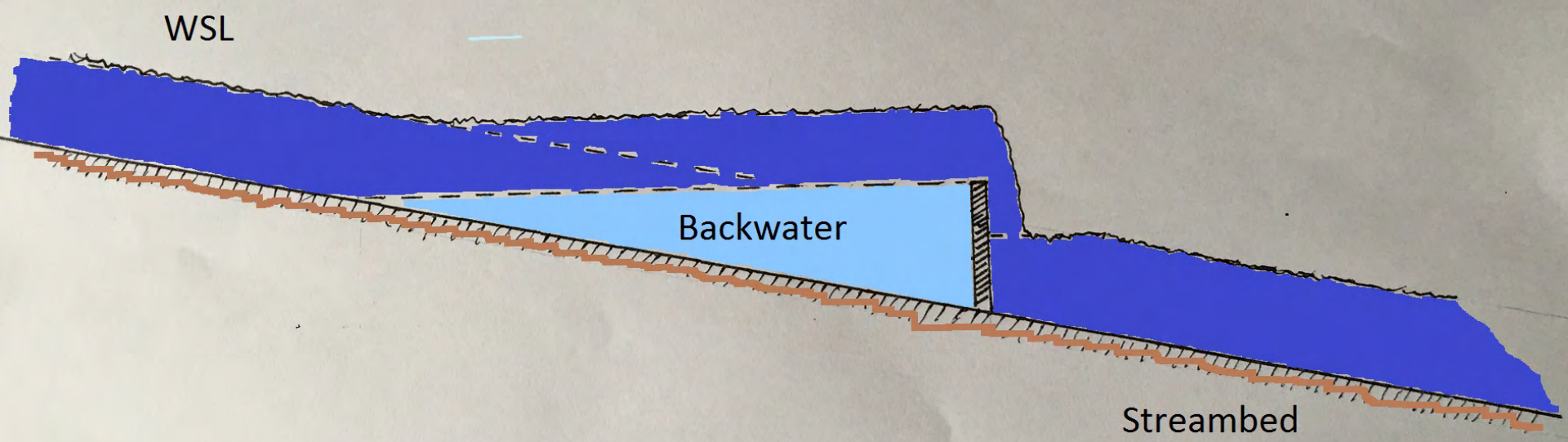
Ripples

Pool



Flood Backup

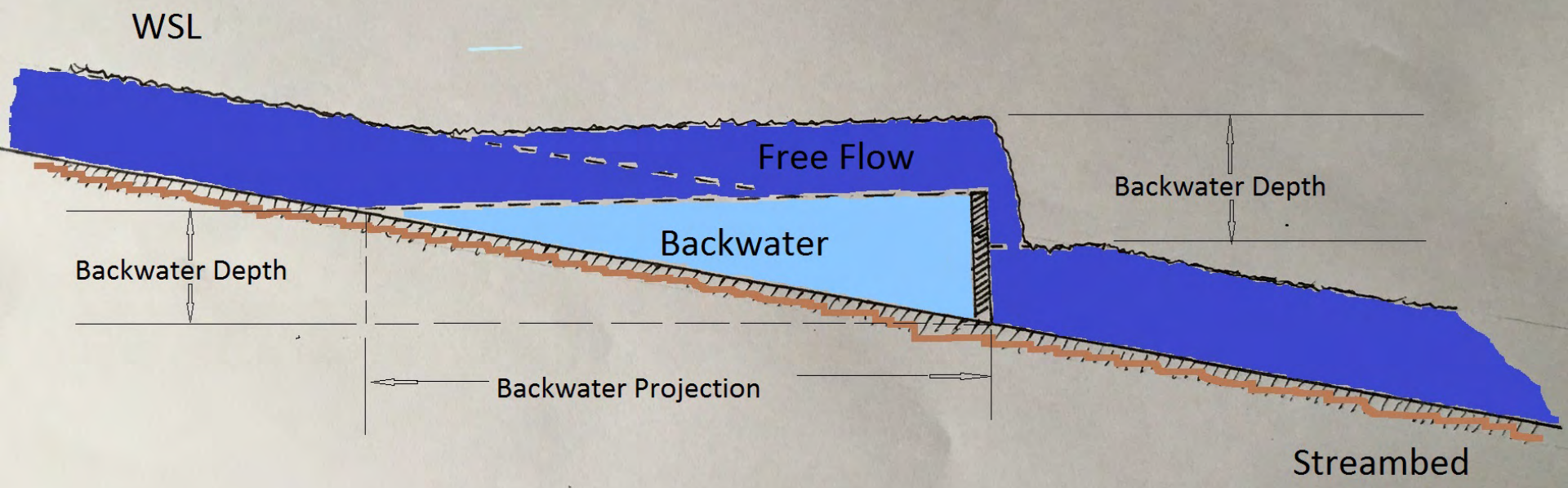
Backwater Behind a Dam



Backwater Projects Upstream

Streambed Slope Limits Backwater

Backwater Characteristics



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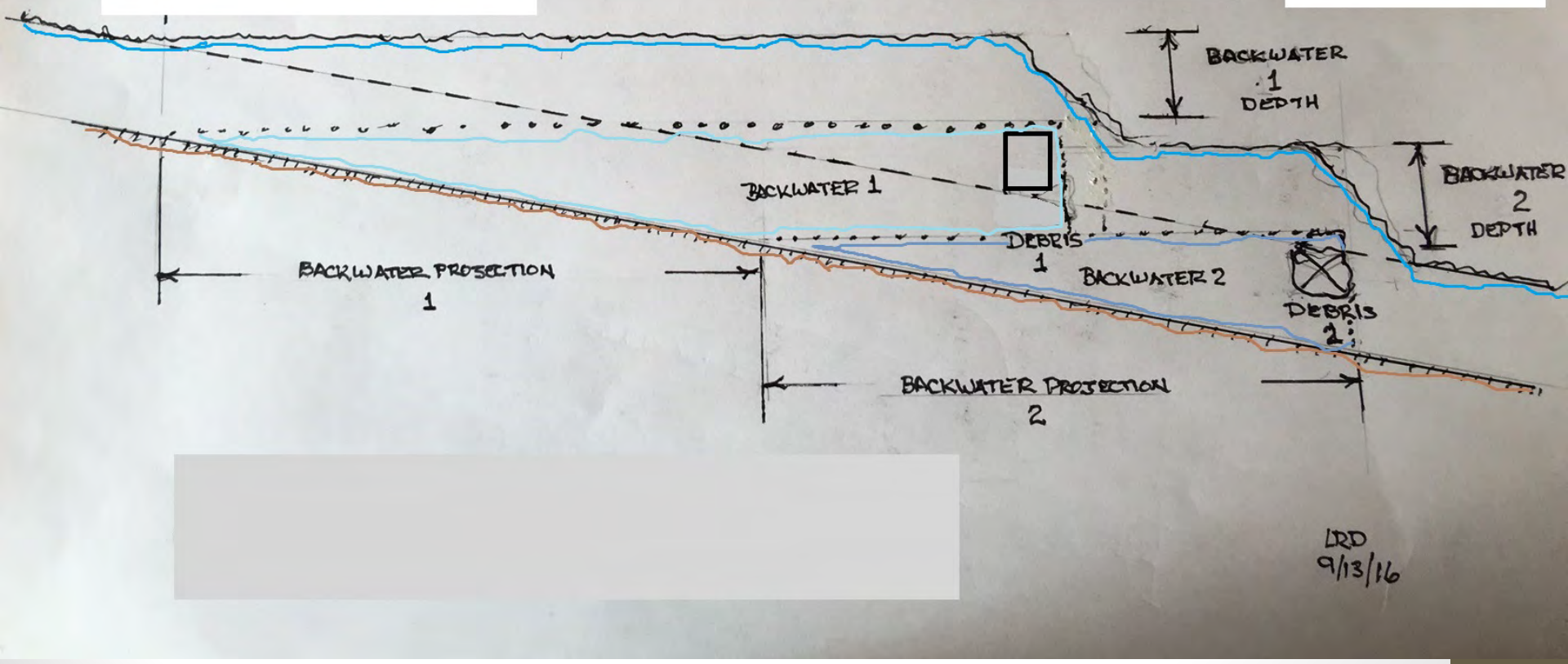
Backwater Effect Accumulates

Backwater Accumulation



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